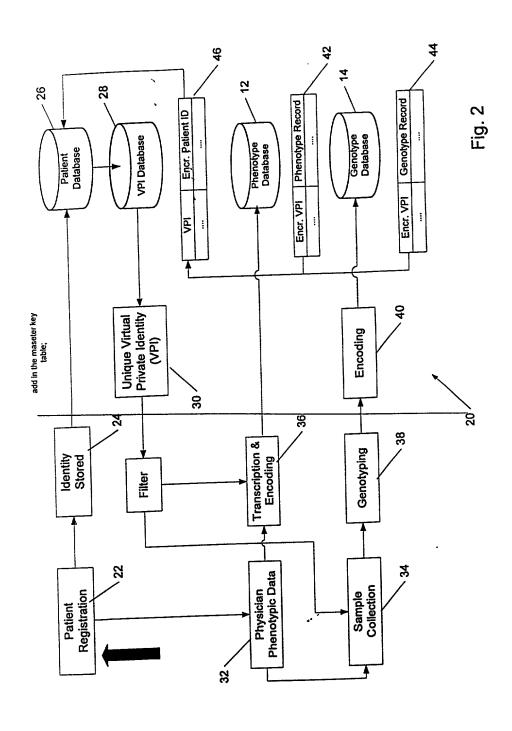


Fig. 1



Symmetric Key Model 308 306 304 302 \ VPI; K_s{DATA} DATA KS(VPI); Hash(VPI) $K_s \leftrightarrow VPI$; **VPI** Data Table Key Table 320 310 Fig. 3 Asymmetric Key Model 414 408 412 406 404 402 K_{PB}{VPI}; VPI; K_{Pb}{DATA}; DATA K_{PB}↔VPI Hash VPI K_{PV}↔VPI VPI Data Table Fig. 4 Key Table 410 420

